

ABSTRACT OF THE DISCLOSURE

An improved electrochemical single or multi-cell energy storage device and casing are provided. The casing may be a pair of U-shaped shells, a single foil piece or even a tube-shaped structure which encases the internal electrochemical cell stack. The energy storage device and casing advantageously exhibit low internal resistance, low ESR, a high voltage/capacity, and a low contact resistance between the internal stack and the outer casing.